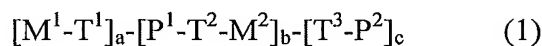


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A compound of formula (1)



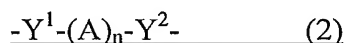
or a salt thereof,

wherein

M^1 and M^2 are the same or different and are each a metal coordination complex selected from the group consisting of a platinum complex, a palladium complex, a ruthenium complex, and a rhodium complex, wherein at least one of M^1 and M^2 is capable of interacting with a major groove or minor groove of a polynucleotide;

P^1 and P^2 are the same or different and are each a pyrrole-imidazole polyamide, wherein each pyrrole-imidazole polyamides (P^1 , P^2) independently comprises a plurality of heterocyclic rings selected from the group consisting of optionally substituted N-methylimidazole (Im), optionally substituted N-methylpyrrole (Py) and optionally substituted 3-hydroxy N-methylpyrrole (Hp);

T^1 , T^2 and T^3 are the same or different and are each a linker group having the formula (2):



wherein

Y^1 and Y^2 may be the same or different and are independently selected from NH, ---NH_2 , C=O, C=S, C=NH, O, OH, S, SH, S(O), S(O)₂, NR³, NHR³, N(R³)₂, an optionally

substituted cycloalkylamine, an optionally substituted cycloalkyldiamine, and an optionally substituted heteroaryl group; where each R^3 is independently selected from the group consisting of alkyl, cycloalkyl, aryl and heteroaryl;

A is selected from the group consisting of an optionally substituted C_{1-10} alkylene, an optionally substituted C_{2-10} alkenylene, an optionally substituted C_{2-10} alkynylene, an optionally substituted C_{3-6} cycloalkylene, an optionally substituted C_{6-10} aryl, C=O, C=S, and C=NH, NH, O, S, NH_2 , OH, SH, S(O), S(O)₂, amino acids, and spermidine; and

n is an integer selected from 1 to 20,

wherein when n is an integer greater than 1, each (A) group may be the same or different;

a is 0, or 1;

b is an integer selected from 1, 2, 3, 4 and 5;

wherein when b is an integer greater than 1, each P^1 , each T^2 and each M^2 may be the same or different; and

c is 0, 1 or 2; wherein when c is 2, each P^2 may be the same or different and each T^3 may be the same or different.

2. (Currently Amended) A compound according to claim 1, wherein a = 0, b = 1, and c = 0.

3. (Canceled)

4. (Original) A compound according to claim 1, wherein M^1 and M^2 are independently selected from cis -Pt(NH₃)₂Cl and trans -Pt(NH₃)₂Cl.

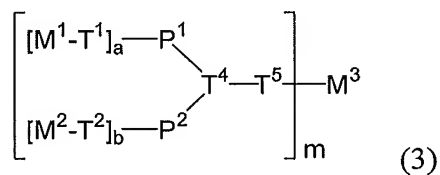
5. (Canceled)

6. (Currently Amended) A compound according to claim 51, wherein each pyrrole-imidazole polyamide independently comprises 3 heterocyclic rings or 4 heterocyclic rings.

7. (Canceled)

8. (Currently Amended) A compound according to claim 71, wherein each linker group independently comprises a group selected from -NH-(CH₂)_n-NH₂-, -NH-CH₂CH₂CH₂-O-CH₂CH₂-O-CH₂CH₂-O-CH₂CH₂CH₂-NH₂-, -NH-C(O)-CH₂CH₂-NH-C(O)-CH₂CH₂CH₂NH₂-, -S-(CH₂)_n-O-(CH₂)_n-S-, or -NH-(CH₂)_n-O-, and -C(O)-NH-CH₂-C(O)-NH-CH(CH₂SH)-C(O)-NH-, where n is an integer from 1 to 20.

9. (Withdrawn) A compound of formula (3):



where

M¹, M², M³ are the same or different and are each a metal coordination complex as defined above for M¹ and M² of formula (1), wherein at least one of M¹, M² and M³ is capable of interacting with a major groove or minor groove of a polynucleotide;

P^1 and P^2 are the same or different and are each a pyrrole-imidazole polyamide as defined above for formula (1);

T^1 and T^2 are the same or different and are each a linker group of formula (2) as defined above for formula (1);

T^5 is a linker group of formula (2) as defined above for T^1 and T^2 of formula (1), wherein one of Y^1 and Y^2 is bound to a metallocomplex M^3 and the other of Y^1 and Y^2 is covalently bound to T^4 ;

T^4 is a linker group of formula (2) as defined above for T^1 and T^2 of formula (1), wherein Y^1 is covalently bound to a pyrrole-imidazole polyamide, Y^2 is covalently bound to a pyrrole-imidazole polyamide, and wherein one Y^1 , Y^2 and A is covalently bound to T^5 ;

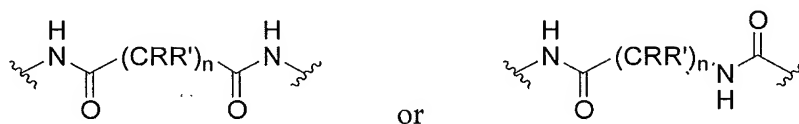
a and b are independently selected from 0 and 1; and

m is 1, 2, 3 or 4.

10. (Withdrawn) A compound according to claim 9, wherein m is 1 or 2.

11. (Withdrawn) A compound according to claim 9, wherein a = 0, b = 1, and m = 1.

12. (Withdrawn) A compound according to claim 9, wherein T^4 comprises



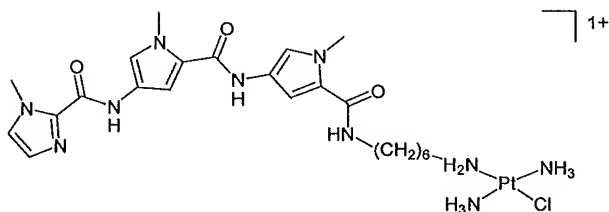
wherein n is an integer selected from 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10,

each (CRR') is independently an optionally substituted alkylene; and

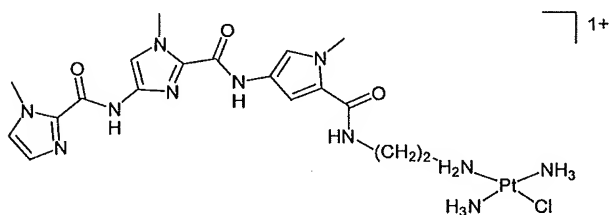
wherein in one (CRR'), R' is absent and CR is covalently bonded to T⁵.

13. (Canceled)

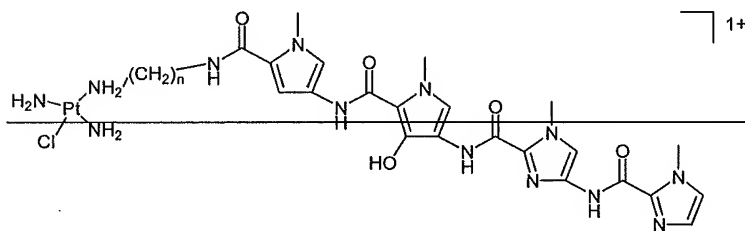
14. (Currently Amended) A compound according to claim 1, wherein said compound is selected from the group consisting of

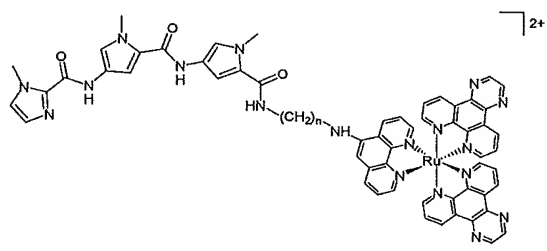
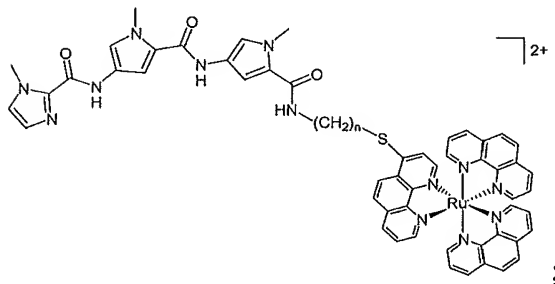
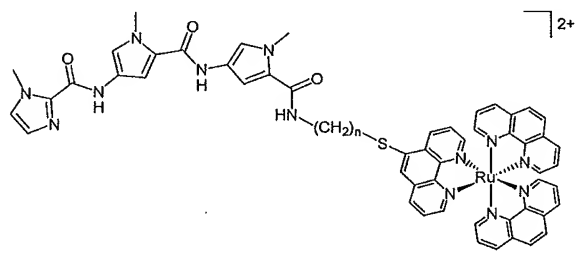
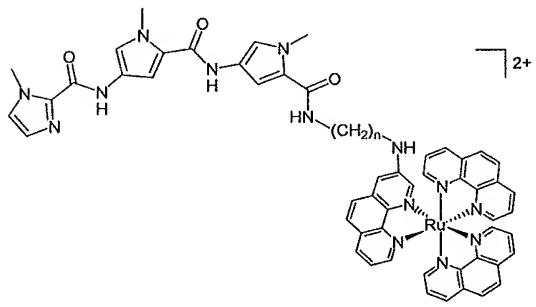
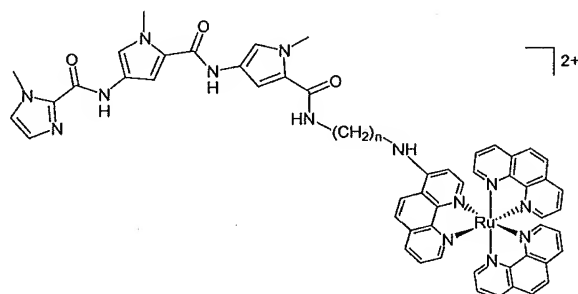
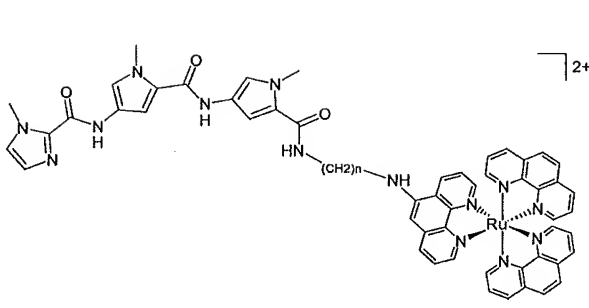
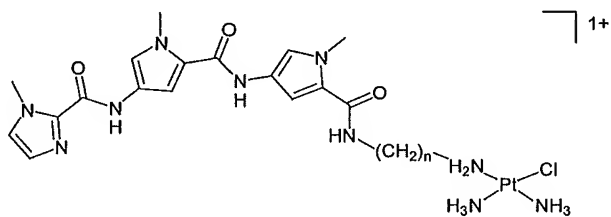
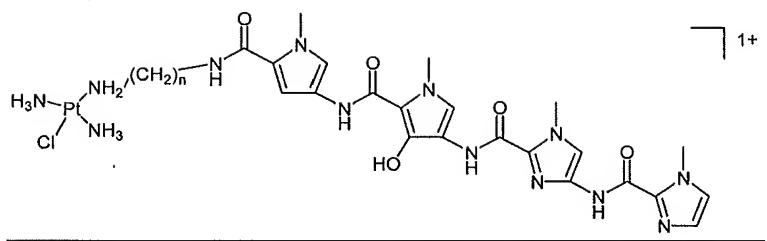


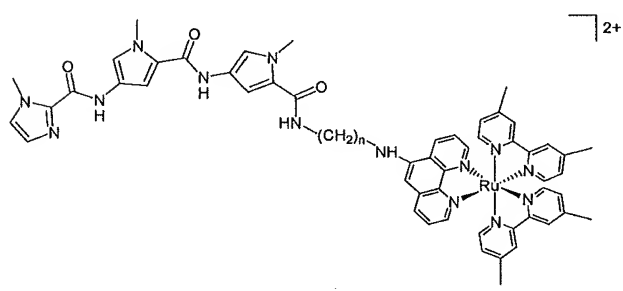
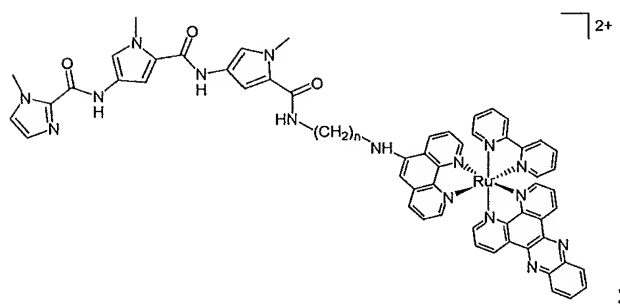
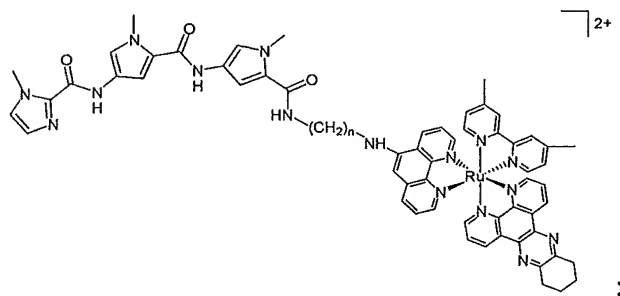
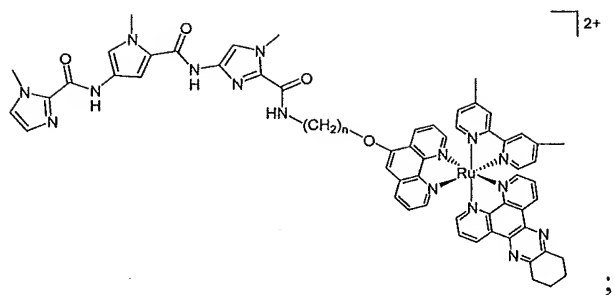
“trans-Im/Py/Py-[CONH(CH₂)₆-NH₂)Pt(NH₃)₂Cl”;

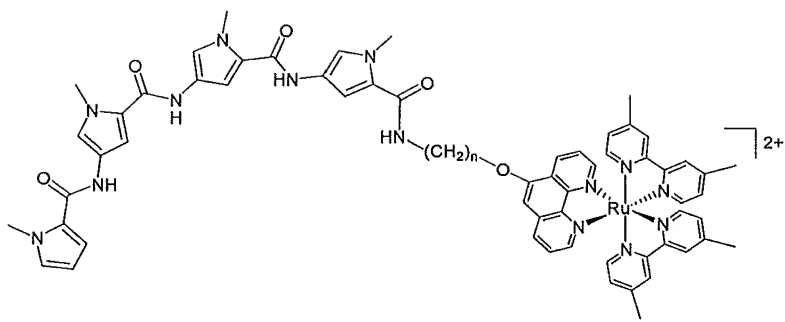


“trans-Im/Py/Py-[CONH(CH₂)₂-NH₂)Pt(NH₃)₂Cl”;

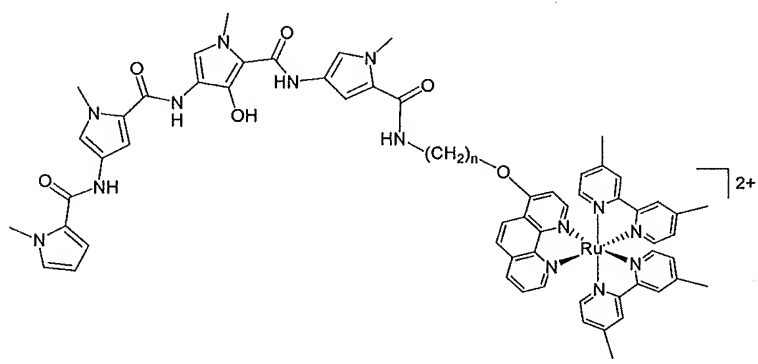






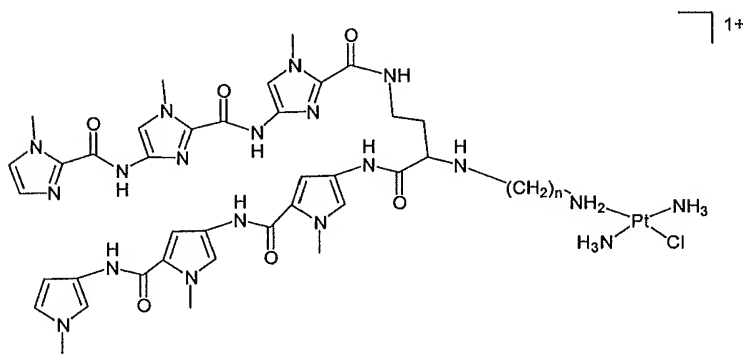


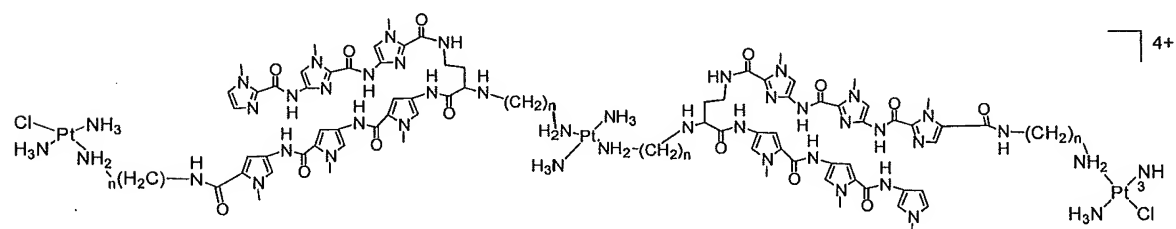
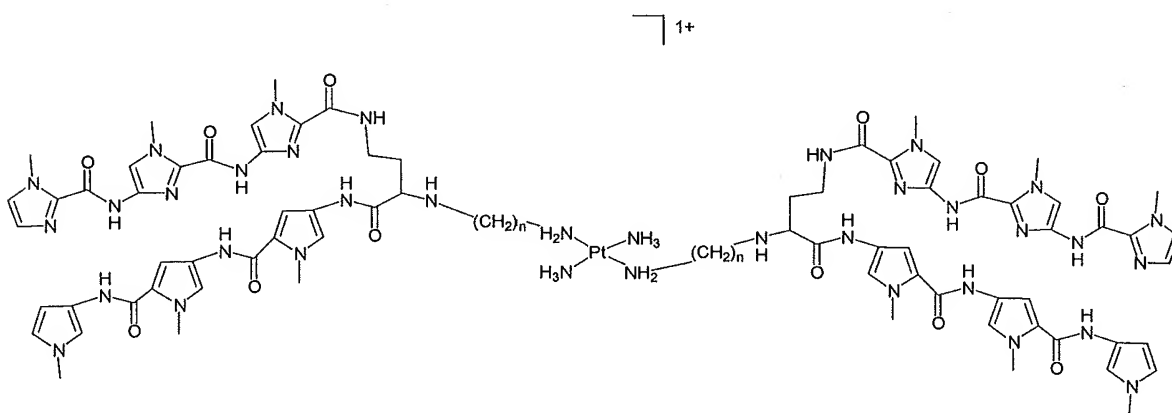
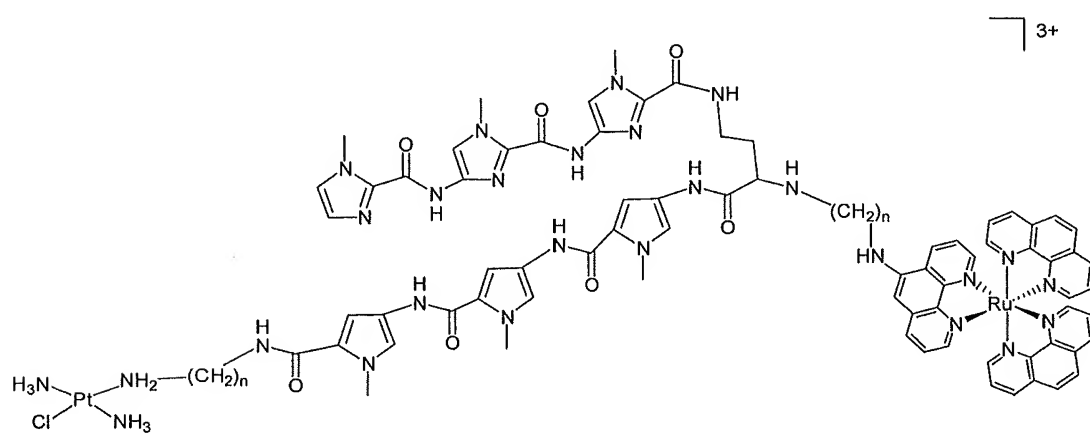
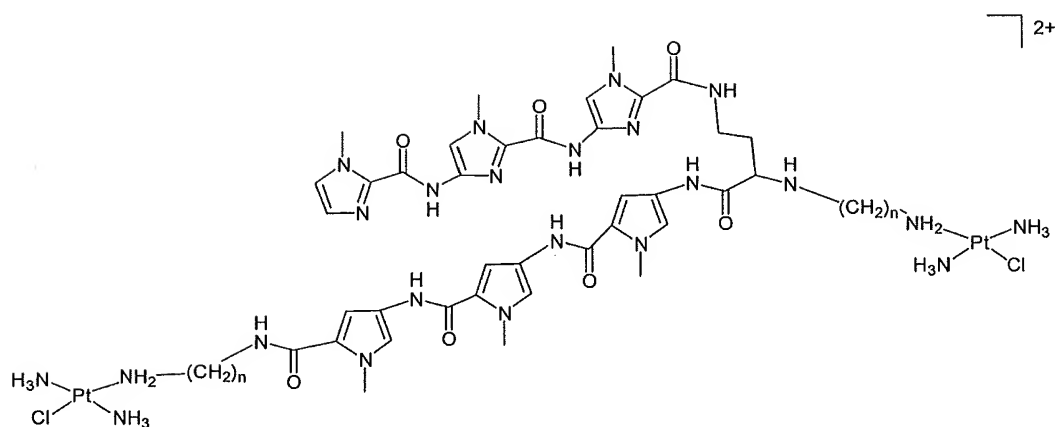
and



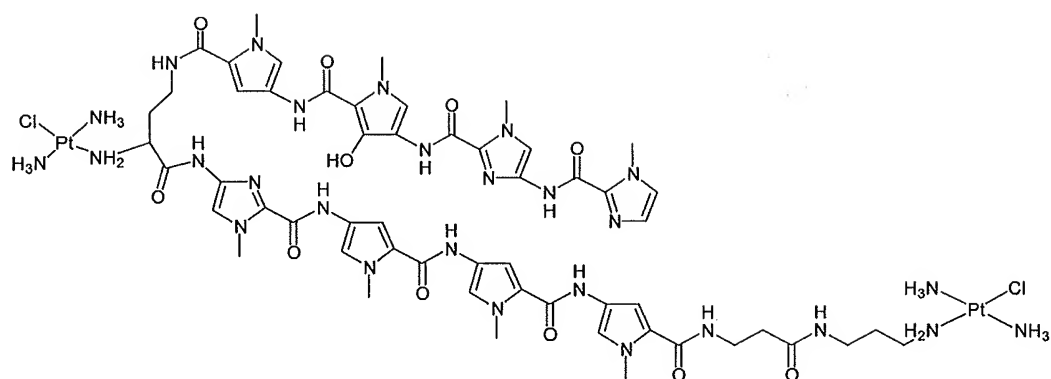
where n is an integer selected from 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10, or a salt thereof.

15. (Withdrawn) A compound according to claim 9, wherein said compound is selected from



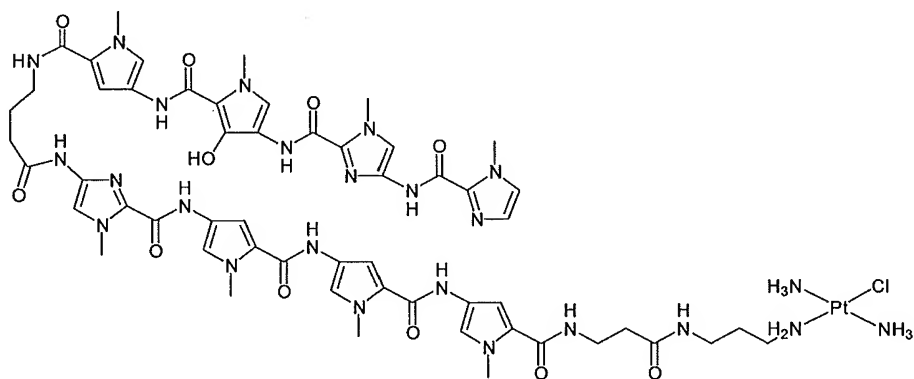


and

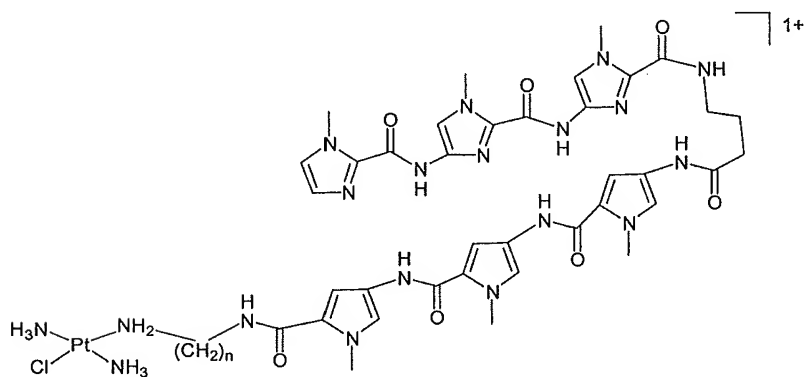


where each n is an integer independently selected from 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10,
or a salt thereof.

16. (Withdrawn) A compound selected from



and



where each n is an integer independently selected from 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10, or a salt thereof.

17. (Currently Amended) A pharmaceutical composition comprising at least ~~one compound selected from~~ a compound of formula (1) according claim 1, ~~a compound of formula (3) according to claim 9, and a compound according to claim 16,~~ together with a pharmaceutically acceptable diluent, adjuvant or carrier.

18. (Withdrawn) A method of targeting a therapeutic agent(s) and/or a reporter group(s) to a sequence in a polynucleotide comprising contacting biological material suspected of containing said sequence with a compound of formula (1), formula (3) or claim 16.

19. (Withdrawn) A method of treating a disease selected from cancer, HIV and Hepatitis C, said method comprising administering to a mammal in need of such treatment a therapeutically effective amount of at least one compound according to claim 1.

20. (Withdrawn) A method of diagnosis comprising contacting a biological sample with a diagnostically effective amount of at least one compound according to claim 1.

21. (Withdrawn) A method of treating a disease selected from cancer, HIV and Hepatitis C, said method comprising administering to a mammal in need of such treatment a therapeutically effective amount of at least one compound according to claim 9.

22. (Withdrawn) A method of treating a disease selected from cancer, HIV and Hepatitis C, said method comprising administering to a mammal in need of such treatment a therapeutically effective amount of a pharmaceutical composition according to claim 17.

23. (Withdrawn) A method of diagnosis comprising contacting a biological sample with a diagnostically effective amount of at least one compound according to claim 9.

24. (Withdrawn) A method of diagnosis comprising contacting a biological sample with a diagnostically effective amount of a pharmaceutical composition according to claim 17.

25. (New) A compound according to claim 1, wherein the optionally substituted heteroaryl group is pyridyl, phenanthrolyl, or 2,2'-bipyridyl.